# Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

**Name of Work: Detailed Estimated for Maintenance of Foot path & Construction of SSm walland Kerb Stone in Ward no 13 in Shettyhalli Sub Division.**

*Est .Cost Rs 10.00 Lakhs*

| Sl No | Description of Items | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KSRRB 300-2: Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH/ Chapter 3. Page No. 142/ Item No. 19.2/ PWD SR 2016-17 | Cum | | | | | | | |
| | | | 1 | 140.00 | 1.00 | 0.60 | 84.00 | | |
| | | | | | | | **84.00** | 119.78 | **10062.00** |
| | *Basic Rate* | 113.00 | | | | | | | |
| | Area Weightage @ 6% | 6.78 | | | | | | | |
| | ***Total*** | **119.78** | | | | | | | |
| 2 | KSRB 4-1.2: Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220 kgs, using 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregate @ 0.465cum machine mixed, concrete laid in layers not exceeding 15cms. Thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2, Page No. 12/ Item No. 4.2/ PWD SR 2016-17 | Cum | | | | | | | |
| | | | 1 | 140.00 | 1.00 | 0.15 | 21.00 | | |
| | | | | | | | **21.00** | 5348.76 | **112324.00** |
| | *Basic Rate* | 5,046.00 | | | | | | | |
| | Area Weightage @ 6% | 302.76 | | | | | | | |
| | ***Total*** | **5,348.76** | | | | | | | |
| 3 | KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5-1.13 Page No. 23/ Item No. 5.9/ PWD SR 2016-17 | Cum | | | | | | | |
| | | | 1 | 140.00 | 0.90 | 0.50 | 63.00 | | |
| | | | 1 | 140.00 | 0.70 | 0.50 | 49.00 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **112.00** | 5305.30 | **594193.60** |
| | *Basic Rate* | 5,005.00 | | | | | | | |
| | Area Weightage @ 6% | 300.30 | | | | | | | |
| | ***Total*** | **5,305.30** | | | | | | | |
| 4 | KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed - 2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 ,P.13/I.4.11/ PWD SR 2016-17 | | | | | | | | |
| | Coping | Cum | 1 | 140.00 | 0.70 | 0.10 | 9.80 | | |
| | | | 1 | 150.00 | 0.20 | 0.10 | 3.00 | | |
| | | | | | | | **12.80** | 6371.66 | **81557.00** |
| | Basic Rate | 6011.00 | | | | | | | |
| | *Area Weightage 6%* | 360.66 | | | | | | | |
| | Total | **6371.66** | | | | | | | |
| | | | | | | | | | |
| 5 | Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.SR Page NO.25,Item NO.5.29.2, SR 2016-17 | **nos** | | | | | | | |
| | | | 1 | 320.00 | | | 320.00 | | |
| | Basic Rate | 353.00 | | | | | **320.00** | 374.18 | **119738.00** |
| | Area Weightage @ 6% | 21.18 | | | | | | | |
| | Total | **374.18** | | | | | | | |
| | | | | | | | | | |
| 6 | Removing and resetting of kerb stones Page No. 265/ Item No. 37.57/ PWD SR 2016-17 | | | | | | | | |
| | | m | 1.00 | 485.00 | | | 485.00 | | |
| | | | | | | | **485.00** | 65.72 | **31874.00** |
| | Basic Rate | 62.00 | | | | | | | |
| | Area Weightage @ 6% | 3.72 | | | | | | | |
| | **Total** | **65.72** | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Providing and applying enamel metal paint two coats ( excluding priming coat ) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.SR Page NO121,Item NO.15.74, SR 2016-17 | | | | | | | | |
| | | Sqm | 1 | 485.00 | | 0.80 | 388.00 | | |
| | | | 1 | 140.00 | | 0.80 | 112.00 | | |
| | | | | | | | **500.00** | 86.92 | **43460.00** |
| | Basic Rate | 82.00 | | | | | | | |
| | Area Weightage @ 6% | 4.92 | | | | | | | |
| | | **86.92** | | | | | | | |
| 8 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b)Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c)Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs.68.00 (P.150, I.no.18.57/1, 2016-17 | Cum | | | | | | | |
| | Qty Vide Item No=1 | | | | | | **84.00** | | |
| | Qty Limited to | | | | | | **84.00** | 77.60 | **6518.00** |
| | (For 3 km = 3 x 1.28 x 2.5) | 9.60 | | | | | | | |
| | *Loading and Unloading Charges* | 68.00 | | | | | | | |
| | | **77.60** | | | | | | | |
| 9 | Miscellaneous and unforseen Charges | | | | | | | | **273** |
| | | | | | | | | | |
| | | | | | | | | **Total** | **1000000.00** |
| | **(RupeesTen Lakhs Only)** | | | | | | | | |

**CERTIFICATE**

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

**Asst Engineer**
Ward No-13

**Asst Executive Engineer**
Shettyhalli Sub-Division
BBMP

**Executive Engineer**
Dasarahalli Zone
BBMP

ಸಂ.EE/DD/AS/38/16-17 ದಿನಾಂಕ : 30.12.16
ರೂ. Ten lakhs only.
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ಸಂ. EE/DD/73/55/16-17 ದಿನಾಂಕ : 30.12.16
ರೂ. Ten lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು